

## WEST Search History for Application 10590941

Creation Date: 2008091014:42

Query	DB	Op.	Plur.	Thes.	Date
(7208552 or 7235610 or 6800688 or 5667575 or 5998547 or 5723705 or 6063880 or 4973733 or 5346951 or 4622350 or 5350532 or 5252677 or 4442243 or 4999403 or 6143846 or 5698357 or 5700896).pn.	PGPB, USPT, EPAB, JPAB, DWPI, TDBD	OR	YES		09-10-2008
polypropylene or (propylene-based near copolymer) or (propylene near copolymer) or (propylene-based near random near copolymer) or (propylene near resin)	PGPB, USPT, EPAB, JPAB, DWPI, TDBD	OR	YES		09-10-2008
(polypropylene or (propylene-based near copolymer) or (propylene near copolymer) or (propylene-based near random near copolymer) or (propylene near resin) ) and ((metallocene near catalyst) or metallocene)	PGPB, USPT, EPAB, JPAB, DWPI, TDBD	OR	YES		09-10-2008
(polypropylene or (propylene-based near copolymer) or (propylene near copolymer) or (propylene-based near random near copolymer) or (propylene near resin) and ((metallocene near catalyst) or metallocene) ) and ((graft near modified near carboxylic near acid) or (grafted near unsaturated near carboxylic near acid) or maleated or (functionalized near carboxylic near acid) or (grafted near maleic near acid) or (grafted near maleic near anhydride) or (grafted near carboxylic near acid near ester) or carboxylated or (functionalized near carboxylic near acid near derivative))	PGPB, USPT, EPAB, JPAB, DWPI, TDBD	OR	YES		09-10-2008
(polypropylene or (propylene-based near copolymer) or (propylene near copolymer) or (propylene-based near random near copolymer) or (propylene near resin) and ((metallocene near catalyst) or metallocene) and ((graft near modified near carboxylic near acid) or (grafted near unsaturated near carboxylic near acid) or maleated or (functionalized near carboxylic near acid) or (grafted near maleic near acid) or (grafted near maleic near anhydride) or (grafted near carboxylic near acid near ester) or carboxylated or (functionalized near carboxylic near acid near derivative)) ) and ((low near molecular near weight) or (low near average near molecular near weight))	PGPB, USPT, EPAB, JPAB, DWPI, TDBD	OR	YES		09-10-2008

(polypropylene or (propylene-based near copolymer) or (propylene near copolymer) or (propylene-based near random near copolymer) or (propylene near resin) and ((metallocene near catalyst) or metallocene) and ((graft near modified near carboxylic near acid) or (grafted near unsaturated near carboxylic near acid) or maleated or (functionalized near carboxylic near acid) or (grafted near maleic near acid) or (grafted near maleic near anhydride) or (grafted near carboxylic near acid near ester) or carboxylated or (functionalized near carboxylic near acid near derivative)) and ((low near molecular near weight)) or (low near average near molecular near weight)) ) and ((7208552 or 7235610 or 6800688 or 5667575 or 5998547 or 5723705 or 6063880 or 4973733 or 5346951 or 4622350 or 5350532 or 5252677 or 4442243 or 4999403 or 6143846 or 5698357 or 5700896).pn. )	PGPB, USPT, EPAB, JPAB, DWPI, TDBD	OR	YES		09-10-2008
(polypropylene or (propylene-based near copolymer) or (propylene near copolymer) or (propylene-based near random near copolymer) or (propylene near resin) and ((metallocene near catalyst) or metallocene) and ((graft near modified near carboxylic near acid) or (grafted near unsaturated near carboxylic near acid) or maleated or (functionalized near carboxylic near acid) or (grafted near maleic near acid) or (grafted near maleic near anhydride) or (grafted near carboxylic near acid near ester) or carboxylated or (functionalized near carboxylic near acid near derivative)) ) and (oxidized or wax)	PGPB, USPT, EPAB, JPAB, DWPI, TDBD	OR	YES		09-10-2008
(polypropylene or (propylene-based near copolymer) or (propylene near copolymer) or (propylene-based near random near copolymer) or (propylene near resin) and ((metallocene near catalyst) or metallocene) and ((graft near modified near carboxylic near acid) or (grafted near unsaturated near carboxylic near acid) or maleated or (functionalized near carboxylic near acid) or (grafted near maleic near acid) or (grafted near maleic near anhydride) or (grafted near carboxylic near acid near ester) or carboxylated or (functionalized near carboxylic near acid near derivative)) and (oxidized or wax) ) and ((acid near value) or (graft near content) or (grafted near amount near unsaturated near carboxylic near acid))	PGPB, USPT, EPAB, JPAB, DWPI, TDBD	OR	YES		09-10-2008
(polypropylene or (propylene-based near copolymer) or (propylene near copolymer) or (propylene-based near random near copolymer) or (propylene near resin) and ((metallocene near catalyst) or metallocene) and ((graft near modified near carboxylic near acid) or (grafted near unsaturated near carboxylic near acid) or maleated or (functionalized near carboxylic near acid) or (grafted near maleic near acid) or (grafted near maleic near anhydride) or (grafted near carboxylic near acid near ester) or	PGPB, USPT, EPAB, JPAB, DWPI, TDBD	OR	YES		09-10-2008

carboxylated or (functionalized near carboxylic near acid near derivative)) ) and ((acid near value) or (graft near content) or (grafted near amount near unsaturated near carboxylic near acid))					
(polypropylene or (propylene-based near copolymer) or (propylene near copolymer) or (propylene-based near random near copolymer) or (propylene near resin) and ((metallocene near catalyst) or metallocene) and ((graft near modified near carboxylic near acid) or (grafted near unsaturated near carboxylic near acid) or maleated or (functionalized near carboxylic near acid) or (grafted near maleic near acid) or (grafted near maleic near anhydride) or (grafted near carboxylic near acid near ester) or carboxylated or (functionalized near carboxylic near acid near derivative)) and ((acid near value) or (graft near content) or (grafted near amount near unsaturated near carboxylic near acid)) ) and ((7208552 or 7235610 or 6800688 or 5667575 or 5998547 or 5723705 or 6063880 or 4973733 or 5346951 or 4622350 or 5350532 or 5252677 or 4442243 or 4999403 or 6143846 or 5698357 or 5700896).pn. )	PGPB, USPT, EPAB, JPAB, DWPI, TDBD	OR	YES		09-10-2008
(polypropylene or (propylene-based near copolymer) or (propylene near copolymer) or (propylene-based near random near copolymer) or (propylene near resin) and ((metallocene near catalyst) or metallocene) and ((graft near modified near carboxylic near acid) or (grafted near unsaturated near carboxylic near acid) or maleated or (functionalized near carboxylic near acid) or (grafted near maleic near acid) or (grafted near maleic near anhydride) or (grafted near carboxylic near acid near ester) or carboxylated or (functionalized near carboxylic near acid near derivative)) and ((low near molecular near weight) or (low near average near molecular near weight)) ) and multilayers	PGPB, USPT, EPAB, JPAB, DWPI, TDBD	OR	YES		09-10-2008
(polypropylene or (propylene-based near copolymer) or (propylene near copolymer) or (propylene-based near random near copolymer) or (propylene near resin) and ((metallocene near catalyst) or metallocene) and ((graft near modified near carboxylic near acid) or (grafted near unsaturated near carboxylic near acid) or maleated or (functionalized near carboxylic near acid) or (grafted near maleic near acid) or (grafted near maleic near anhydride) or (grafted near carboxylic near acid near ester) or carboxylated or (functionalized near carboxylic near acid near derivative)) and ((low near molecular near weight) or (low near average near molecular near weight)) and multilayers ) and (ink near accept\$2)	PGPB, USPT, EPAB, JPAB, DWPI, TDBD	OR	YES		09-10-2008
		OR	YES		09-10-2008

(polypropylene or (propylene-based near copolymer) or (propylene near copolymer) or (propylene-based near random near copolymer) or (propylene near resin) and ((metallocene near catalyst) or metallocene) and ((graft near modified near carboxylic near acid) or (grafted near unsaturated near carboxylic near acid) or maleated or (functionalized near carboxylic near acid) or (grafted near maleic near acid) or (grafted near maleic near anhydride) or (grafted near carboxylic near acid near ester) or carboxylated or (functionalized near carboxylic near acid near derivative)) and ((low near molecular near weight) or (low near average near molecular near weight)) and multilayers ) and (ink near print\$2)	PGPB, USPT, EPAB, JPAB, DWPI, TDBD				
(polypropylene or (propylene-based near copolymer) or (propylene near copolymer) or (propylene-based near random near copolymer) or (propylene near resin) and ((metallocene near catalyst) or metallocene) and ((graft near modified near carboxylic near acid) or (grafted near unsaturated near carboxylic near acid) or maleated or (functionalized near carboxylic near acid) or (grafted near maleic near acid) or (grafted near maleic near anhydride) or (grafted near carboxylic near acid near ester) or carboxylated or (functionalized near carboxylic near acid near derivative)) and ((low near molecular near weight) or (low near average near molecular near weight)) ) and ((acid near value) or (graft near content) or (grafted near amount near unsaturated near carboxylic near acid))	PGPB, USPT, EPAB, JPAB, DWPI, TDBD	OR	YES		09-10-2008
(4957974 or 6426388 or 6495629).pn.	PGPB, USPT, EPAB, JPAB, DWPI, TDBD	OR	YES		09-10-2008
(polypropylene or (propylene-based near copolymer) or (propylene near copolymer) or (propylene-based near random near copolymer) or (propylene near resin) and ((metallocene near catalyst) or metallocene) and ((graft near modified near carboxylic near acid) or (grafted near unsaturated near carboxylic near acid) or maleated or (functionalized near carboxylic near acid) or (grafted near maleic near acid) or (grafted near maleic near anhydride) or (grafted near carboxylic near acid near ester) or carboxylated or (functionalized near carboxylic near acid near derivative)) ) and (oxidized near polypropylene)	PGPB, USPT, EPAB, JPAB, DWPI, TDBD	OR	YES		09-10-2008
oxidized near polyolefin near resin	PGPB, USPT, EPAB, JPAB,	OR	YES		09-10-2008

	DWPI, TDBD				
(oxidized near polyolefin near resin ) and wax and emulsion	PGPB, USPT, EPAB, JPAB, DWPI, TDBD	OR	YES		09-10-2008
(polypropylene or (propylene-based near copolymer) or (propylene near copolymer) or (propylene-based near random near copolymer) or (propylene near resin) and ((metallocene near catalyst) or metallocene) and ((graft near modified near carboxylic near acid) or (grafted near unsaturated near carboxylic near acid) or maleated or (functionalized near carboxylic near acid) or (grafted near maleic near acid) or (grafted near maleic near anhydride) or (grafted near carboxylic near acid near ester) or carboxylated or (functionalized near carboxylic near acid near derivative))) and wax and (aqueous near dispersion) and emulsion	PGPB, USPT, EPAB, JPAB, DWPI, TDBD	OR	YES		09-10-2008
(polypropylene or (propylene-based near copolymer) or (propylene near copolymer) or (propylene-based near random near copolymer) or (propylene near resin) and ((metallocene near catalyst) or metallocene) and ((graft near modified near carboxylic near acid) or (grafted near unsaturated near carboxylic near acid) or maleated or (functionalized near carboxylic near acid) or (grafted near maleic near acid) or (grafted near maleic near anhydride) or (grafted near carboxylic near acid near ester) or carboxylated or (functionalized near carboxylic near acid near derivative)) and wax and (aqueous near dispersion) and emulsion ) and 525/\$.ccls.	PGPB, USPT, EPAB, JPAB, DWPI, TDBD	OR	YES		09-10-2008
(polypropylene or (propylene-based near copolymer) or (propylene near copolymer) or (propylene-based near random near copolymer) or (propylene near resin) and ((metallocene near catalyst) or metallocene) and ((graft near modified near carboxylic near acid) or (grafted near unsaturated near carboxylic near acid) or maleated or (functionalized near carboxylic near acid) or (grafted near maleic near acid) or (grafted near maleic near anhydride) or (grafted near carboxylic near acid near ester) or carboxylated or (functionalized near carboxylic near acid near derivative)) and wax and (aqueous near dispersion) and emulsion ) and 428/\$.ccls.	PGPB, USPT, EPAB, JPAB, DWPI, TDBD	OR	YES		09-10-2008
(polypropylene or (propylene-based near copolymer) or (propylene near copolymer) or (propylene-based near random near copolymer) or (propylene near resin) and	PGPB, USPT, EPAB,	OR	YES		09-10-2008

((metallocene near catalyst) or metallocene) and ((graft near modified near carboxylic near acid) or (grafted near unsaturated near carboxylic near acid) or maleated or (functionalized near carboxylic near acid) or (grafted near maleic near acid) or (grafted near maleic near anhydride) or (grafted near carboxylic near acid near ester) or carboxylated or (functionalized near carboxylic near acid near derivative)) and wax and (aqueous near dispersion) and emulsion ) and (aqueous near dispersion)	JPAB, DWPI, TDBD				
(polypropylene or (propylene-based near copolymer) or (propylene near copolymer) or (propylene-based near random near copolymer) or (propylene near resin) and ((metallocene near catalyst) or metallocene) and ((graft near modified near carboxylic near acid) or (grafted near unsaturated near carboxylic near acid) or maleated or (functionalized near carboxylic near acid) or (grafted near maleic near acid) or (grafted near maleic near anhydride) or (grafted near carboxylic near acid near ester) or carboxylated or (functionalized near carboxylic near acid near derivative)) and wax and (aqueous near dispersion) and emulsion and (aqueous near dispersion) ) and particles	PGPB, USPT, EPAB, JPAB, DWPI, TDBD	OR	YES		09-10-2008
(polypropylene or (propylene-based near copolymer) or (propylene near copolymer) or (propylene-based near random near copolymer) or (propylene near resin) and ((metallocene near catalyst) or metallocene) and ((graft near modified near carboxylic near acid) or (grafted near unsaturated near carboxylic near acid) or maleated or (functionalized near carboxylic near acid) or (grafted near maleic near acid) or (grafted near maleic near anhydride) or (grafted near carboxylic near acid near ester) or carboxylated or (functionalized near carboxylic near acid near derivative)) and wax and (aqueous near dispersion) and emulsion ) and latex and emulsion	PGPB, USPT, EPAB, JPAB, DWPI, TDBD	OR	YES		09-10-2008
(polypropylene or (propylene-based near copolymer) or (propylene near copolymer) or (propylene-based near random near copolymer) or (propylene near resin) and ((metallocene near catalyst) or metallocene) and ((graft near modified near carboxylic near acid) or (grafted near unsaturated near carboxylic near acid) or maleated or (functionalized near carboxylic near acid) or (grafted near maleic near acid) or (grafted near maleic near anhydride) or (grafted near carboxylic near acid near ester) or carboxylated or (functionalized near carboxylic near acid near derivative)) and wax and (aqueous near dispersion) and emulsion and latex and emulsion ) and (water near dispers\$3)	PGPB, USPT, EPAB, JPAB, DWPI, TDBD	OR	YES		09-10-2008
(polypropylene or (propylene-based near copolymer) or (propylene near copolymer) or (propylene-based near	PGPB, USPT,	OR	YES		09-10-2008

random near copolymer) or (propylene near resin) and ((metallocene near catalyst) or metallocene) and ((graft near modified near carboxylic near acid) or (grafted near unsaturated near carboxylic near acid) or maleated or (functionalized near carboxylic near acid) or (grafted near maleic near acid) or (grafted near maleic near anhydride) or (grafted near carboxylic near acid near ester) or carboxylated or (functionalized near carboxylic near acid near derivative)) ) and (water near dispersed)	EPAB, JPAB, DWPI, TDBD				
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